Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 05 Dec 2022 until 23:59 on Tuesday 06 Dec 2022

Forecast Issued on Sunday 04 Dec 2022 at 09:49

Confidence: High for easterly flow turning northerly and becoming colder from Tuesday, but lower confidence for details.

Headline for Monday 05 Dec 2022: Mostly cloudy with scattered showers, but some bright or perhaps sunny spells developing.

Mountain weather hazards on Monday 05 Dec 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	MIST						
Fog	Mist	Light rain	Light rain	Cloudy	Cloudy	Dull	Dull
Precipitation probability							
<05%	20%	50%	30%	20%	10%	20%	20%

Forecast for Monday 05 Dec 2022

Weather: Mostly cloudy, with rain or showers, but these tending to fade away through the day with some bright or perhaps sunny spells developing. The odd clear spell in the evening but generally cloudy with still some showers.

Chance of cloud-free hill tops above 600m: 30% in morning, 60% in afternoon

Low cloud and visibility: Good visibility, but moderate in showers, though very poor on the tops in cloud with bases occasionally down to 500-600.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 05 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/32 NE	22/31 NE	21/29 NE	21/28 NE	19/26 NE	18/25 NE	19/27 NE	18/25 NE	15/22 NE
300	12/20 NE	12/20 NE	13/22 NE	12/20 NE	12/19 NE	11/18 NE	11/19 NE	10/17 NE	9/16 NE
Valley	8/20 E	9/21 NE	10/22 NE	9/20 NE	10/19 NE	8/18 NE	8/19 NE	8/18 NE	7/16 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	2/-5	1/-5	1/-5	1/-5	1/-5	1/-5	1/-5	0/-5
300	4/-1	4/-0	4/-1	4/-1	4/-0	4/0	3/-1	3/-1	3/-1
Valley	4/1	4/1	4/1	4/1	5/2	5/2	4/1	4/1	4/1
Freezing Level*	800m	800m	800m	800m	800m	800m	700m	700m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Cold and quite windy on the tops with some chill effect.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 04 Dec 2022	3.6mm	3.8mm	4mm

Forecast for Tuesday 06 Dec 2022

Weather: Some clear spells developing overnight and becoming mostly dry, but a frost developing. Then a rather cold, but bright day, with some winter sunshine, though perhaps the odd wintry shower in the tops, with some chill at height.

Maximum wind: Northeast 10-15mph, but 25 gust 35mph over the higher tops

Chance of cloud-free hill tops above 600m: 80%.

Low cloud and visibility: Good visibility but poor in any wintry showers and possibly very poor near the tops with patches or scattered cloud down to 500m.

Temperature: **Valleys:** Minus 2 C rising to plus 5 C
At 600m: Minus 1 C
Freezing level: 500m

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